

AMENDMENTS TO THE SPECIFICATION

[0018] As the voltage or current requirements of load 31 continue to rise, combined power supply 300 and 301 may also begin to droop. If the voltage of combined power supply 300 and 301 reaches the maximum effective voltage of power supply 302, power supply 302 will turn on and selector 306 will disconnect R13 and select R14 to create voltage divider R7/R14, which holds power supply 300 at the maximum effective output voltage of power supply 302. Similarly, selector 308 [[307]] disconnects R10 and switches/selects R15 to form voltage divider R9/R15, which also holds power supply 301 at the maximum effective output voltage of power supply 302. Setting combined power supply 300 and 301 to the maximum effective voltage of power supply 302 prevents combined power supply 300 and 301 from trying to supply the original combined maximum effective output voltage when power supply 302 relieves some of the loading on combined power supply 300 and 301.